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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/681,231	10/09/2003	Won-Hie Choi	P3050/CNL	6493	
7590 02/01/2005			EXAM	EXAMINER	
Peter T. Kwon			KHAIRA, NAVNEET K		
G W I P S Kangnam P.O. Box 2301			ART UNIT	PAPER NUMBER	
Seoul, 135-242			3754		
KOREA, REPU	BLIC OF		DATE MAILED: 02/01/2005		

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Interview Summary	10/681,231	CHOI ET AL.
milerview Summary	Examiner	Art Unit
	Navneet Sonia Khaira	3754
All participants (applicant, applicant's representative, PTO	personnel):	
(1) Navneet Sonia Khaira.	(3)	e.
(2) <u>Peter Kwon</u> .	(4)	
Date of Interview: <u>13 January 2005</u> .		
Type: a)⊠ Telephonic b)□ Video Conference c)□ Personal [copy given to: 1)□ applicant	2)∏ applicant's representative	e]
Exhibit shown or demonstration conducted: d) Yes If Yes, brief description:	e)⊠ No.	
Claim(s) discussed: Claims 1-6 were cancelled and replace	ed with new claims 7-12.	
Identification of prior art discussed: <u>Independent claim 1 w</u> 5,988,415 and <u>Leipold (US 5,819,994)</u> .	vas dicussed in relation to the p	orior art of White (US
Agreement with respect to the claims f)⊠ was reached. (g) was not reached. h) h	I/A.
Substance of Interview including description of the genera reached, or any other comments: <u>An agreement was reached</u> with claims 7-12 as set forth in the attachment.	I nature of what was agreed to hed to cancel claims 1-6 after	if an agreement was a review and replace them
(A fuller description, if necessary, and a copy of the amend allowable, if available, must be attached. Also, where no allowable is available, a summary thereof must be attached	copy of the amendments that v	
THE FORMAL WRITTEN REPLY TO THE LAST OFFICE A INTERVIEW. (See MPEP Section 713.04). If a reply to the GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR FORM, WHICHEVER IS LATER, TO FILE A STATEMENT Summary of Record of Interview requirements on reverse section.	e last Office action has already THE MAILING DATE OF THI OF THE SUBSTANCE OF TH	been filed, APPLICANT IS SINTERVIEW SUMMARY
	Misha	al Mar
	SUPERVISORY F	AEL MAR PATENT EXAMINER CENTER 3700
•		A & C.
Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.	Examiner's sign	nature, if required

U.S. Patent and Trademark Office PTOL-413 (Rev. 04-03)

CLAIM AMENDMENT

Cancel Claims 1 to 6.

7. (new) An improved non-spill water bottle cap for preventing water spillage when a water bottle is inverted to place on a water dispenser, said improved non-spill water bottle cap comprising:

a cylindrical transparent plastic tube (10) with a series of holes (10a) linearly arranged along a half circumference, and at a mid portion of said cylindrical transparent plastic tube (10),

a spherical float (20) disposed within said cylindrical transparent plastic tube (10) to control said water flow therethrough,

a plastic cap head (30) having a mouth opening, integrally formed with a front end of said cylindrical transparent plastic tube (10) to cap onto a port of said water bottle,

an edge frame (11) disposed at a rear end of said cylindrical transparent plastic tube (10) for retaining said spherical float (20) within said cylindrical transparent plastic tube (10),

an annular flange (13) circumferentially arranged a series of peepholes (13a) therein, located along an edge of said mouth opening of said plastic cap head (30) for retaining said spherical float (20) within said cylindrical transparent plastic tube (10), and

an annular sealing ridge (12) integrally and circumferentially formed a semi-spherical shaped segment on a front inner wall portion of said plastic tube for momentarily blocking the water flow path by contacting said spherical float (20) when the water bottle is inverted to place on the water dispenser.

8. (new) An improve d non-spill water bottle cap as claimed in claim 7, wherein said annular flange (13) is oriented obliquely inward at the mouth of said plastic cap head (30) and

the series of peepholes (13a) are located along the center of the annular flange (13) for allowing flow of air and water.

- 9. (new) An improved non-spill water bottle cap as claimed in claim 7, wherein said annular sealing ridge (12) for momentarily blocking the water flow is disposed on the inside wall of said cylindrical transparent plastic tube (10) and adjacent to said annular flange (13).
- 10. (new) An improved non-spill water bottle cap as claimed in claim 9, wherein the diameter of said annular sealing ridge (12) is approximately one-fifth smaller than that of said spherical float (20) and said annular sealing ridge (12) is disposed at a location corresponding to approximately one-fourth the diameter of said spherical float (20) from the mouth of said plastic cap head (30).
- 11. (new) An improved non-spill water bottle cap as claimed in claim 9, wherein said annular sealing ridge (12) and the tip of said annular flange (13) are designed to simultaneously contact the spherical float (20) by water pressure for momentarily blocking the water flow path of the water bottle.
- 12. (currently amended) An improved non-spill water bottle cap as claimed in claim 7, wherein the diameter of said cylindrical transparent plastic tube (10) is approximately one-fifth larger than that of said spherical float (20) for flow of air and water.